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A CATALOGUE

OF THE

SHELL BEARING

MOLLUSCA OF RHODE ISLAND.

BY

HORACE F. CARPENTER,

Member of Boston Society of Natural History and

Providence Franklin Society.

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III

January 1, 1873.

THIS CATALOGUE is a supplement to a series of papers on the Conchology of Rhode Island, read from time to time during the past two years before the Providence Franklin Society, and published in the Central Falls "Weekly Visitor." Being descriptions of all the Shells found or liable to be found within the limits of the State, and represented in the Cabinet of the Franklin Society by a collection of Shells classified and arranged as follows:

PART FIRST.—THE TERRESTRIAL MOLLUSCA.

The Terrestrial Mollusca of Rhode Island all belong to the Class Gasteropoda, Sub-Class Pulmonifera, Order Pulmonata, and consist of 2 Sub-Orders, 5 Families, 4 Sub-Families, 20 Genera, and 36 Species, viz.:

Sub-Order.	Family.	Sub-Family.	Genera.	Species.
Geophila	Helicidæ		Mesodon	alternata, *Say.*
			Anguispira	albolabris, *Say.* thyroides, *Say.*
	Vitrinidæ	Vitrininæ		None.
		Helicellinæ	Hyalina	arborea, *Say.* Binneyana, *Morse.* cellaria, *Muller.* electrina, *Gould.* indentata, *Say.*
			Pseudohyalina	exigua, *Stimp.* minuscula, *Binney.*
			Striatura	milium, *Morse.*
			Conulus	chersina, *Say.*
		Valloninæ	Vallonia	minuta, *Say.*
			Helicodiscus	lineata, *Say.*
			Patula	striatella, *Anthony.*
			Strobila	labyrinthica, *Say.*
			Punctum	minutissimum, *Lea.*
	Succinidæ		Succinea	avara, *Say.* Totteniana, *Lea.*
			Brachyspira	ovalis, *Gould.*
	Pupidæ		Zua	lubricoides, *Stimp.*
			Pupilla	pentodon, *Say.*
			Leucochila	armifera, *Say.* contracta, *Say.* corticarica, *Say.* fallax, *Say.* rupicola, *Say.*
			Isthmia	Bollesiana, *Morse.* Gouldii, *Binney.* milium, *Gld.* ovata, *Say.* simplex, *Gld.* ventricosa, *Morse.*
Limnophila	Auriculidæ	Auriculinæ	Alexia	myosotis, *Draparnaud.*
			Carychium	exiguum, *Say.*
		Melampinæ	Melampus	bidentatus, *Say.*
Thalassophila				None.

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PART SECOND.—THE FLUVIATILE MOLLUSCA.

THE FLUVIATILE MOLLUSCA of Rhode Island, consist of two classes, containing 2 Sub-Classes, 3 Orders, 2 Sub-Orders, 9 Families, 4 Sub-Families, 21 Genera, and 39 Species, namely:

Class Gasteropoda, Sub-Class Pulmonifera, Order Pulmonata.

Sub-Order.	Family.	Sub-Family.	Genera.	Species.
Limnophila.	Limnæidæ.	Limnæinæ.	Limnophysa	desidiosa, *Say.* elodes, *Say.* humilis, *Say.*
			Neristoma	columella, *Say.* (var chalybea, *Gld.*) macrostoma? *Say.*
		Planorbinæ.	Planorbis	lentus, *Say.*
			Helisoma	bicarinatus, *Say.*
			Planorbella	campanulatus, *Say.*
			Menetus	exacutus, *Say.*
			Gyraulus	deflectus, *Say.* & var. virens, *Adams.* dilatatus, *Gould.* hirsutus, *Gould.* parvus, *Say.*
			Planorbula	armigera, *Say.*
	Ancylidæ		Ancylus	fuscus, *Adams.* parallelus, *Hald.*
	Physidæ	Physinæ	Physa	ancillaria, *Say.* heterostropha, *Say.*
			Bulinus	elongatus, *Say.*

Sub-Class Dioeca. Order Pectinibranchiata.

Tænioglossa.	Valvatidæ		Tropidina	tricarinata, *Say.*
			Lyogyrus	pupoideus, *Gld.*
	Viviparidæ		Campeloma	decisa, *Say.*
	Amnicolidæ	Amnicolinæ	Amnicola	limosa, *Say.*
	Pomatiopsidæ		Pomatiopsis	Brownii, *H. F. Carpenter.* novem sp.

Class Acephala.

Order.	Family.	Genera.	Species.
Dimyaria.	Corbiculadæ	Sphærium	partumeium, *Say.* rhomboideum, *Say.* securis, *Prime.* similis, *Say.*
		Pisidium	abditum, *Hald.* variabile, *Prime.* Virginicum, *Bourgn.*
	Unionidæ	Unio	complanatus, *Solander.* nasutus, *Say.* radiatus, *Gmelin.*
		Alasmodon	marginata, *Say.* undulata, *Say.* arcuata, *Barnes.*
		Anodon	cataracta, *Say.* implicata, *Say.* undulata, *Say.*

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PART THIRD.—THE MARINE MOLLUSCA.

THE MARINE MOLLUSCA of Rhode Island, as considered here, consists of 2 Classes, 3 Sub-Classes, 8 Orders, 6 Sub-Orders, 52 Families, 10 Sub-Families, 89 Genera, and 131 Species, namely:

Class Gasteropoda, Sub-Class Dicœca.

Order.	Sub-Order.	Family.	Sub-Family.	Genera.	Species.
Pectinibranchiata	Toxoglossa	Pleurotomidæ		Clathurella	plicata, *Adams.*
	Rhachiglossa	Fasciolariidæ	Fusinæ	Sipho	Islandicus, *Gme.*
		Buccinidæ	Buccininæ	Buccinum	undulatum, *Moll.*
			Chrysodominæ	Fulgur	carica, *Gme.*
				Sycotypus	canaliculatus, *Linn.*
		Nassidæ	Nassinæ	Nassa	vibex, *Say.*
				Tritia	trivittata, *Say.*
				Ilyanassa	obsoleta, *Say.*
		Muricidæ	Muricinæ	Eupleura	caudata, *Say.*
				Urosalpinx	cinera, *Say.*
			Purpurinæ	Purpura	lapillus, *Linn.*
		Columbellidæ		Astyris	lunata, *Say.* rosacea, *Gld.*
				Anachis	dissimilis, *Stm.*
					avara, *Say.*
	Tænioglossa	Rissoidæ	Rissoinæ	Littorinella	aculeus, *Gld.* minuta, *Totten.*
		Littorinidæ	Lacuninæ	Lacuna	neritoidea, *Gld.* vincta, *Mont.*
			Littorininæ	Littorina	palliata, *Say.* rudis, *Don.*
					tenebrosa, *Mont.*
		Vermetidæ		Vermetus	radicula, *Stimp.*
		Cæcidæ		Cæcum	pulchellum, *Stimp.* costatum, *Verrill.*
		Cerithiadæ	Cerithinæ	Bittium	Greenii, *Adams.* nigrum, *Stimp.*
				Triforis	nigrocinctus, *Adams.*
		Cerithiopsidæ		Cerithiopsis	Emersonii, *Adams.* terebralis, *Adams.*
		Calyptreidæ		Crucibulum	striatum, *Say.*
				Crepidula	convexa, *Say.* fornicata, *Say.*
					glauca, ? *Say.*
				Ianachus	unguiformis, *Lam.*
		Naticidæ		Natica	pusilla, *Say.*
				Lunatia	heros, *Say.* triseriata, *Say.*
				Neverita	duplicata, *Say.*
				Mamma	immaculata, *Totten.*
	Ptenoglossa	Ianthinidæ		Ianthina	fragilis, *Desh.*
		Scalariidæ		Scalaria	lineata, *Say.* multistriata, *Say.*

Sub-Class Exocephala.

Rhipidoglossa	Scutibranchiata	Trochidæ		Margarita	helicina, *O. Fabr.* obscura, *Couth.*
Docoglossa	Proteobranchiata	Acmæidæ		Collisella	alveus, *Con.* testudinalis, *Mull.*
Polyplacophora		Chitonidæ		Tonicia	apiculatus, *Say.* marmoreus, *Fabr.*
					ruber, *Lowe.*

Sub-Class Opisthobranchiata

Tectibranchiata		Actæonidæ		Actæon	puncto-striata, *Adams.*
		Bullidæ		Bulla	occulta, *Mighels.* solitaria, *Say.*
		Cylichnidæ		Cylichna	alba, *Brown.* oryza, *Totten.*
				Utriculus	canaliculatus, *Say.*
		Amphyspiridæ		Diaphana	debilis, *Gld.*
		Eulimidæ		Eulima	oleacea, *Kurtz & Stimp.*
		Pyramidellidæ		Odostomia	bisuturalis, *Say.* fusca, *Ad.* semi-nuda, *Ad.* trifida, *Totten.*
				Turbonilla	interupta, *Totten.* elegans, *Verrill.*

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PART THIRD.—THE MARINE MOLLUSCA.

Class Acephala.

Order.	Family.	Genera.	Species.
Dimyaria	Pholadidæ	Pholas	costata, *Linne.* truncata, *Say.*
		Zirphaea	crispata, *Linne.*
	Solenidæ	Ensatella	Americana, *Binney.*
	Solecurtidæ	Tagelus	gibbus, *Spengl.*
		Mesopleura	bidens, *Chem.*
		Siliqua	costata, *Say.*
	Saxicavidæ	Saxicava	rugosa, *Penn.*
	Myidæ	Mya	arenaria, *Linn.*
	Corbulidæ	Corbula	contracta, *Say.*
		Neaera	pellucida, *Stimp.*
	Pandoridæ	Clidiophora	trilineata, *Say.*
	Anatinidæ	Anatina	papyracea, *Say.*
		Lyonsia	hyalina, *Con.*
		Periploma	Leana, *Con.*
		Thracia	Conradi, *Couth.* truncata, *Migh.*
	Mactriidæ	Hemimactra	solidissima, *Chem.*
		Mulinea	lateralis, *Say.*
	Mesodesmidæ	Ceronia	arctata, *Con.*
	Amphidesmidæ	Cumingia	tellinoides, *Con.*
	Tellinidæ	Macoma	fusca, *Say.*
		Angulus	modestus, *Verrill.* tenera, *Say.*
		Peronæa	tenta, *Say.*
	Petricolidæ	Petricola	pholadiformis, *Say.* dactylus? *Say.*
	Solemyidæ	Solemya	borealis, *Totten.* velum, *Say.*
	Veneridæ	Callista	convexa, *Say.*
		Mercenaria	mercenaria, *Linn.* notata, *Say.*
		Gemma	gemma, *Totten.* Manhattensis, *Prime.*
	Cardiadæ	Cardium	pinnulatum, *Con.*
		Liocardium	Mortonii, *Con.*
	Lucinidæ	Cyclas	dentata, *Wood.*
		Cryptodon	Gouldii, *Philippi.*
	Laseidæ	Kellia	planulata, *Stimp.*
	Leptonidæ	Lepton	nitida, *Verrill.*=Verrilli, *H. F. Carpenter.*
		Montacuta	elevata, *Stimp.* Gouldii, *Thompson.*
	Crassatellidæ	Gouldia	mactracea, *Linsley.*
		Astarte	castanea, *Say.* quadrans, *Gould.* undata, *Gould.*
	Carditidæ	Venericardia	borealis, *Con.*
	Nuculidæ	Nucula	delphinodonta, *Migh.* proxima, *Say.*
	Ledidæ	Yoldia	limatula, *Say.* sapotila, *Gld.*
	Arcidæ	Argina	pexata, *Say.*
		Scapharca	transversa, *Say.*
Heteromyaria	Mytillidæ	Mytillus	edulis, *Linn.*, and var. pellucidus, *Penn.*
		Modiola	hamatus, *Say.* modiolus, *Linn.* plicatula, *Lam.*
		Modiolaria	discors, *Linn.*
		Crenella	glandula, *Totten.*
Monomyaria	Ostræidæ	Ostrea	borealis, *Lam.* Virginica, *Lister.*
	Anomiadæ	Anomia	aculeata, *Gme.* glabra, *Verrill.*
	Pectinidæ	Pecten	fuscus, *Linsley.* Islandicus, *Mull.* irradians, *Lam.* tenuicostatus, *Migh.*